

FIG. 1 Activities of Deleted Beta-actin Promoter

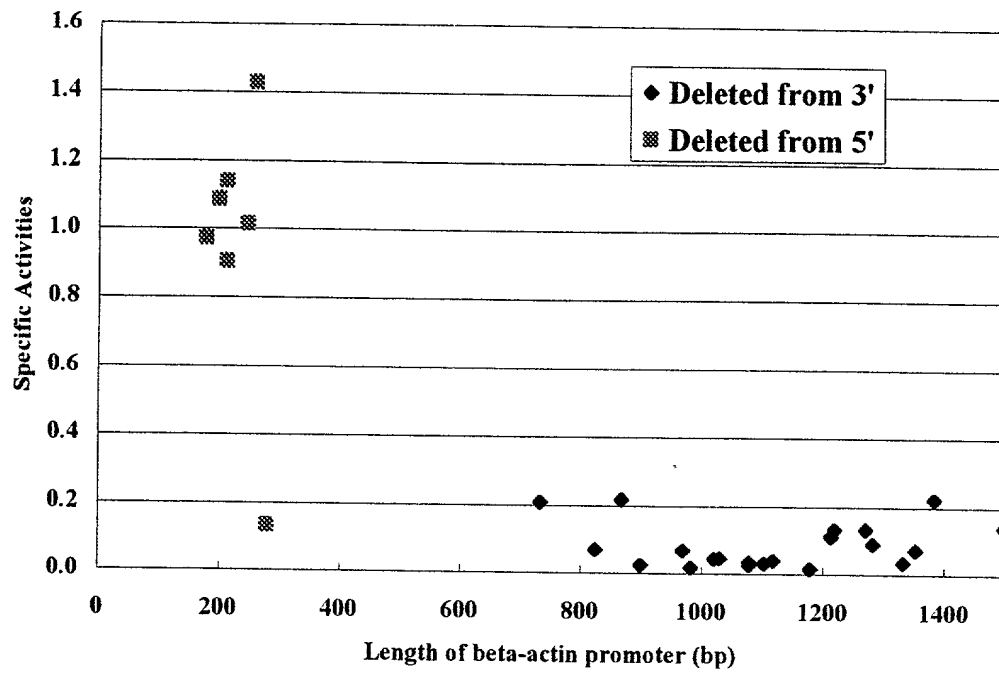


FIG. 2: Construction of intermediate plasmid, pGI_{Pec}F, during the construction of homology plasmid, p45/46_{Pec}F.

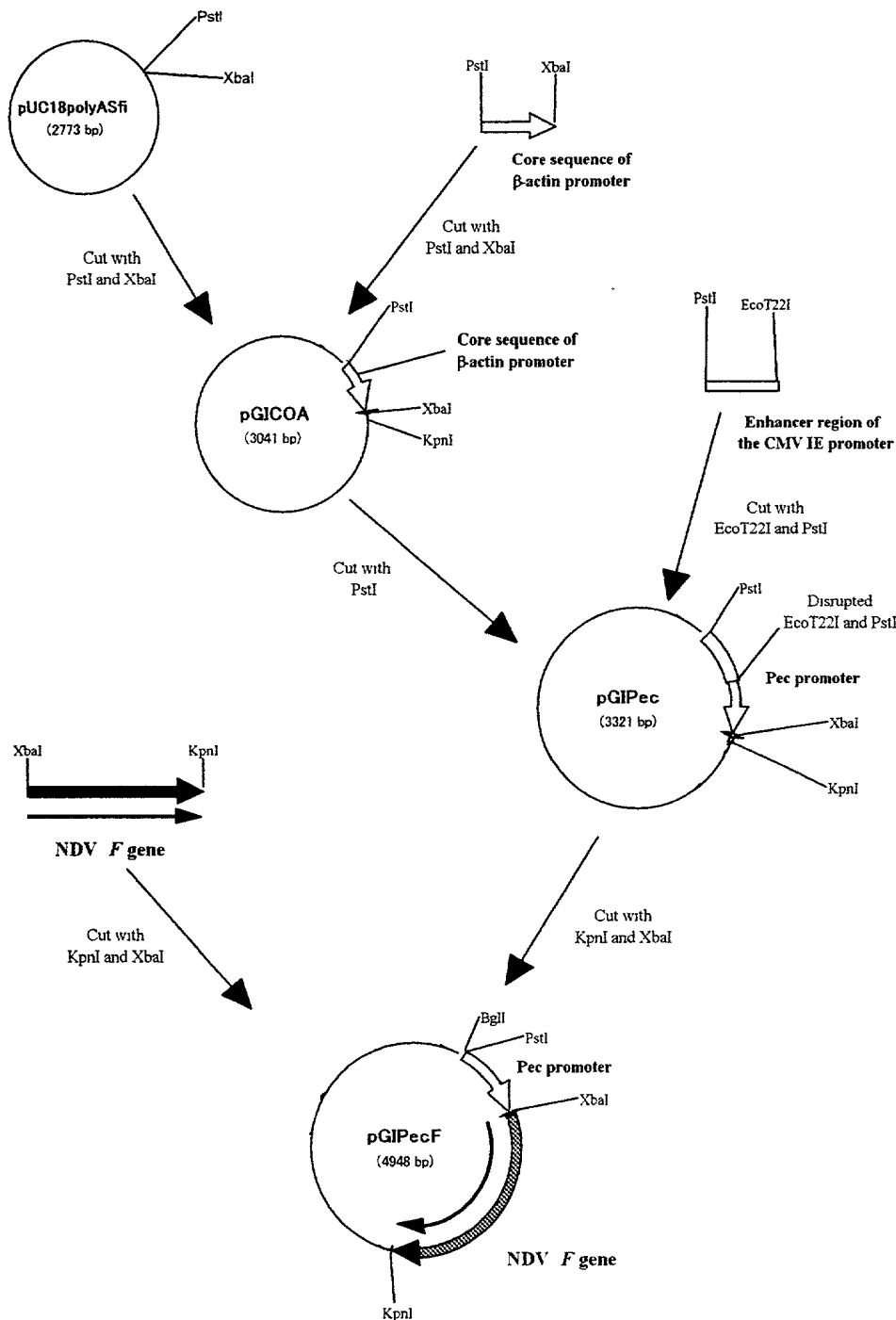


FIG. 3: Construction of homology plasmid, p45/46PecF.

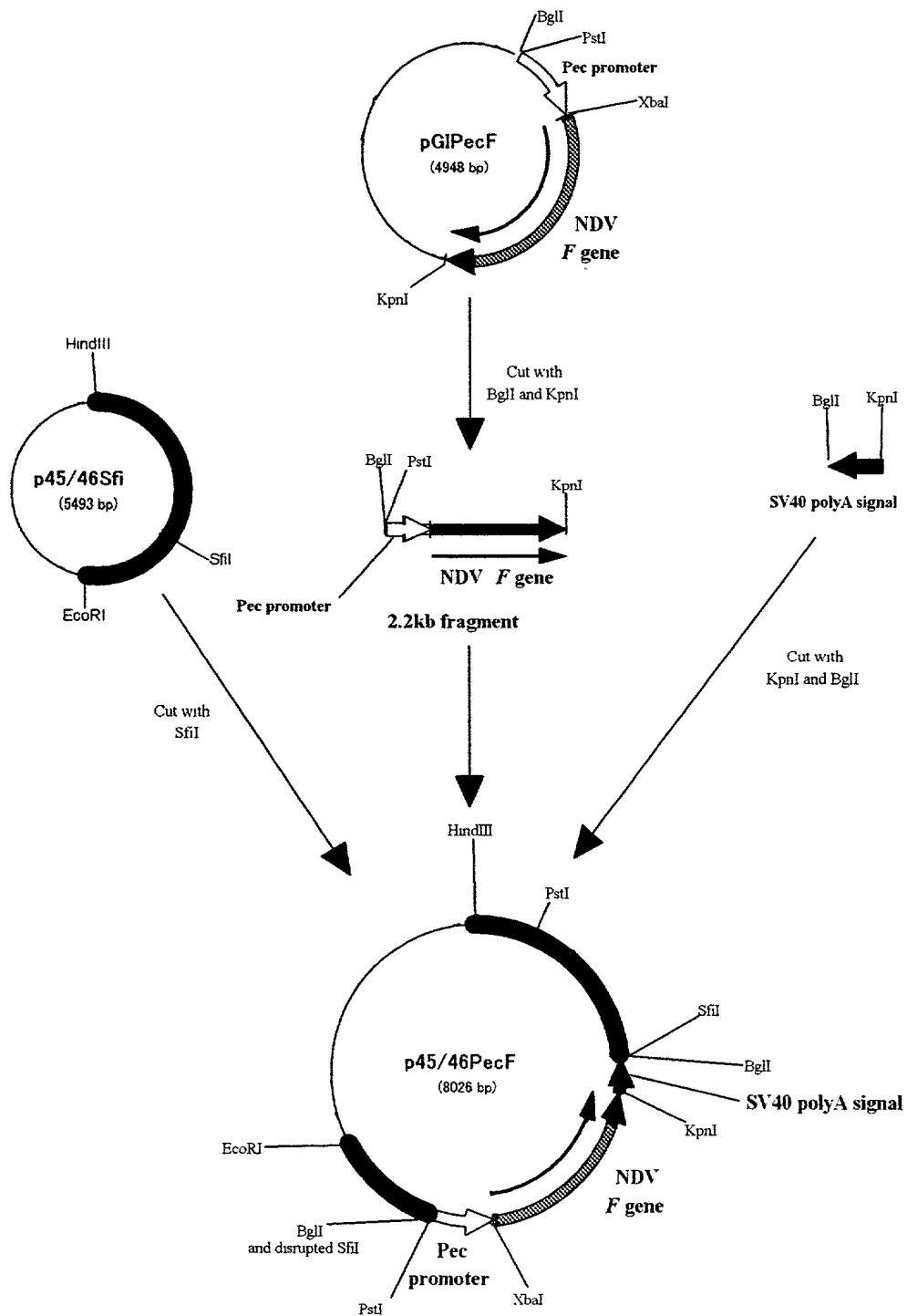
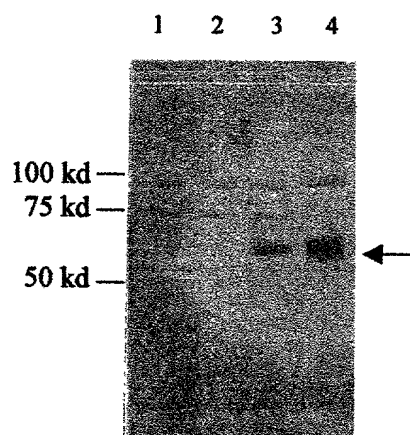


FIGURE 4. Western blot assay of rHVT/NDV, rHVT/NDV passage 5, and the HVT parent strain using NDV F rabbit antiserum. Lane 1 = CEF negative control; Lane 2 = HVT parent strain; Lane 3 = rHVT/NDV; Lane 4 = rHVT/NDV passage 5. An arrow indicates the F protein with a molecular weight of 60kDa.



5

Fig 5: ELISA titer of sera from survived and non-survived birds (SPF chickens)

Group	ELISA titer (S/P value)
1: survived bird	0.45
2: non-survived bird	0.05

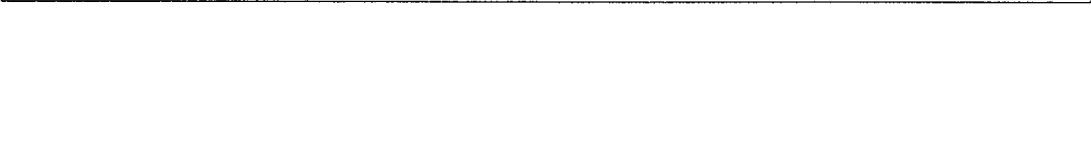


Fig 6: EISA titer of sera from survived and non-survived birds (commercial birds)

Category	ELISA titer (S/P value)
1: survived bird	1.15
1: survived bird	0.55
1: survived bird	0.35
1: survived bird	0.25
1: survived bird	0.20
1: survived bird	0.15
1: survived bird	0.10
1: survived bird	0.05
2: non-survived bird	0.08
2: non-survived bird	0.05
2: non-survived bird	0.02
2: non-survived bird	0.01

